



PROJECT HIGHLIGHT

ROOFING PROTECTION OF ANCIENT BOAT

COVERED WITH LEXAN™ EXTRITE SHEET

The 'Burcio Nuova Maria' is the last remaining real cargo boat of this type, a water vessel common in the Padua area that was used to transport all kinds of goods, when there were only a few roads and no railway possibilities. These cargo boats were normally pulled by land animals, horses in particular, and had flat bottoms to allow circulation in waterways and lagoons with limited depth.

To preserve a symbol like the 'Burcio', where people can admire a piece of history, the boat is covered with LEXAN EXTRITE Solar Control IR Sheet. This transparent polycarbonate (PC) sheet, is UV protected, is high abrasion resistant and therefore offers excellent weathering properties.

BENEFITS



HIGH ABRASION
RESISTANT



50% REDUCED ALGAE GROWTH VS.
STANDARD POLYCARBONATE



1 OR 2 SIDES
PROTECTIVE LAYER



UNIQUE 15 YEAR
LIMITED WARRANTY



HIGH IMPACT
STRENGTH



TRANSPARANCY UP TO 90%

ABOUT CLIENT

The company that sponsored the initiative by supplying all the new coverings, Archimede Spa, has been involved in the processing and transformation of plastics sheet since 1988. They designed and produced a special cover for the Burcio with LEXAN EXTRITE Solar Control IR sheet, an abrasion resistant polycarbonate (PC) sheet designed to protect the boat against UV rays, donated by POLYVANTIS through the company Meglas Srl, Italy.

AUTHORIZED DISTRIBUTOR
POLYVANTIS



PRODUCT SOLUTION

LEXAN EXTRITE sheet features a unique surface treatment that is suitable for outdoor solutions and applications in high-traffic areas, extreme weather conditions, and vulnerable environments.

The sheet is UV resistant which blocks the UV light coming through the sheet which maintains the color of the boat. Furthermore, the sheet, to a certain extent, does have self-healing and repair properties. Small scratches and damages to the protected surface can be healed at increased temperatures due to the heat coming from sunlight or other sources. More information can be found in our processing guide at www.polyvantis.com



INTERESTING FACT

The Burcio Nuova Maria, which can be seen at the Fistomba Park, is the smallest model of the burcio, measuring just under 20 metres, while the larger types could reach 30 metres. Built in 1947 by the Schiavon shipyard in Portosecco, in the Venice lagoon, it was initially used for the transport of bulk cargo to Venice, after that it was used for transportation of sand.

LEXAN EXTRITE SHEET VIDEOS



MORE INFORMATION

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LEXAN™ Tough,
Virtually
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POLYCARBONATE FILM & SHEET